

CLAIMS

What is claimed is:

1. Casing (1) for receiving an electrical device, particularly a switching device or sensor, having at least one indicating apparatus for indicating different electrical states, particularly switching states, of the device, characterized in that each indicating apparatus has a plurality of indicating devices (10, 11, 13, 14) and that the indicating devices (10, 13; 11, 14) of an indicating apparatus are positioned facing one another on the casing (1) in such a way that from each viewing direction at least one indicating device (10, 11, 13, 14) of each indicating apparatus is visible.
2. Casing (1) for receiving an electrical switching device or sensor with an indicating device for indicating different electrical switching states of the electrical switching device or sensor, particularly according to claim 1, said casing having a substantially cuboid or cubic shape, wherein for indicating different switching states of the electrical switching device or sensor, the casing is provided in those corners (10, 11, 12, 13, 14, 15, 16, 17) which are in each case located on the same space diagonal (3, 4, 18, 19) with identical indicating devices (10-13, 11-14), the indicating devices (10, 11, 13, 14) on different space diagonals (3, 4, 18, 19) differing, so that from each viewing direction on the casing (1) always in each case one of the indicating devices (10, 11, 13, 14) for each of the different switching states to be indicated of the electrical switching device or sensor is visible.
3. Casing according to claim 1 or 2, characterized in that for a first indication, e.g. for power-on indication, as well as for a second indication, such as for indicating a further switching state of the electrical switching device or sensor, the casing (1) has in each case two corners (10, 11, 12, 13, 14, 15, 16, 17), which are in each case located on the same space diagonal (3, 4) of two space

diagonals (3, 4), identical indicating devices (10-13, 11-14), the indicating devices (10, 11, 13, 14) on different space diagonals (3, 4, 18) differing, so that from each viewing direction on the casing (1) always in each case two of the indicating devices (10, 11, 13, 14) with different signalling are visible, which form an indication pair, e.g. namely in each case for power-on and a function switching state of the electrical switching device or sensor.

4. Casing according to one of the claims 1 to 3, characterized in that for a first indication, e.g. for power-on indication, as well as for a second indication, such as for indicating a first switching state, as well as for a third indication, such as for indicating a second switching state of the electrical switching device or sensor, the casing (1) has in in each case three corners (10, 11, 12, 13, 14, 15, 16, 17), which are in each case located on the same space diagonal (3, 4, 18) of three space diagonals (3, 4, 18), identical indicating devices (10-13, 11-14), the indicating devices (10, 11, 13, 14) on different space diagonals (3, 4, 18) differing, so that from each viewing direction on the casing (1) always in each case three of the indicating devices (10, 11, 13, 14) with different signalling are visible, which form an indication triple, e.g. namely in each case for power-on and two different function switching states of the electrical switching device or sensor.

5. Casing according to one of the claims 1 to 4, characterized in that for a first indication, e.g. for power-on indication, as well as for a second indication, such as for indicating a first switching state, as well as for a third indication, such as for indicating a second switching state, as well as for a fourth indication, such as for indicating a third switching state of the electrical switching device or sensor, the casing (1) has in in each case four corners (10, 11, 12, 13, 14, 15, 16, 17), which are in each case located on the same space diagonal (3, 4, 18) of four space diagonals (3, 4, 18), identical indicating

devices (10-13, 11-14), the indicating devices (10, 11, 13, 14) on different space diagonals (3, 4, 18) differing, so that from each viewing direction on the casing (1) always in each case four of the indicating devices (10, 11, 13, 14) with different signalling are visible, which form an indication quadruple, e.g. namely for power-on and three different function switching states of the electrical switching device or sensor.

6. Casing according to one of the preceding claims, characterized in that the indicating devices (10-13, 11-14) are incandescent lamps or light emitting diodes, which emit light in different colours and which can consequently be differentiated, those indicating devices (10-13, 11-14) located on the same space diagonal (3, 4) emitting isochromatic light, whereas those indicating devices (10-13, 11-14) located on different space diagonals (3, 4) emitting differently coloured light.

7. Casing according to one of the preceding claims, characterized in that within the casing (1), in those corners (10, 11, 12, 13, 14, 15, 16, 17) in which indicating devices (10-13, 11-14) are located, translucent viewing windows are provided and behind which is in each case positioned a light emitting diode (10-13, 11-14) or incandescent lamp.